

FIGURE 1

Title: Method and Apparatus for Addressing Data Objects in Virtual Space

Inventor(s): O'Brien et al.
Serial No.: Not yet assigned
Appl. No.: GPH-003E
Atty/Agent: John V. Blawie Reg. No. 36,748

(67)

248-7870

Express Mail Label No. EL661683707US Sheet 1 of 21

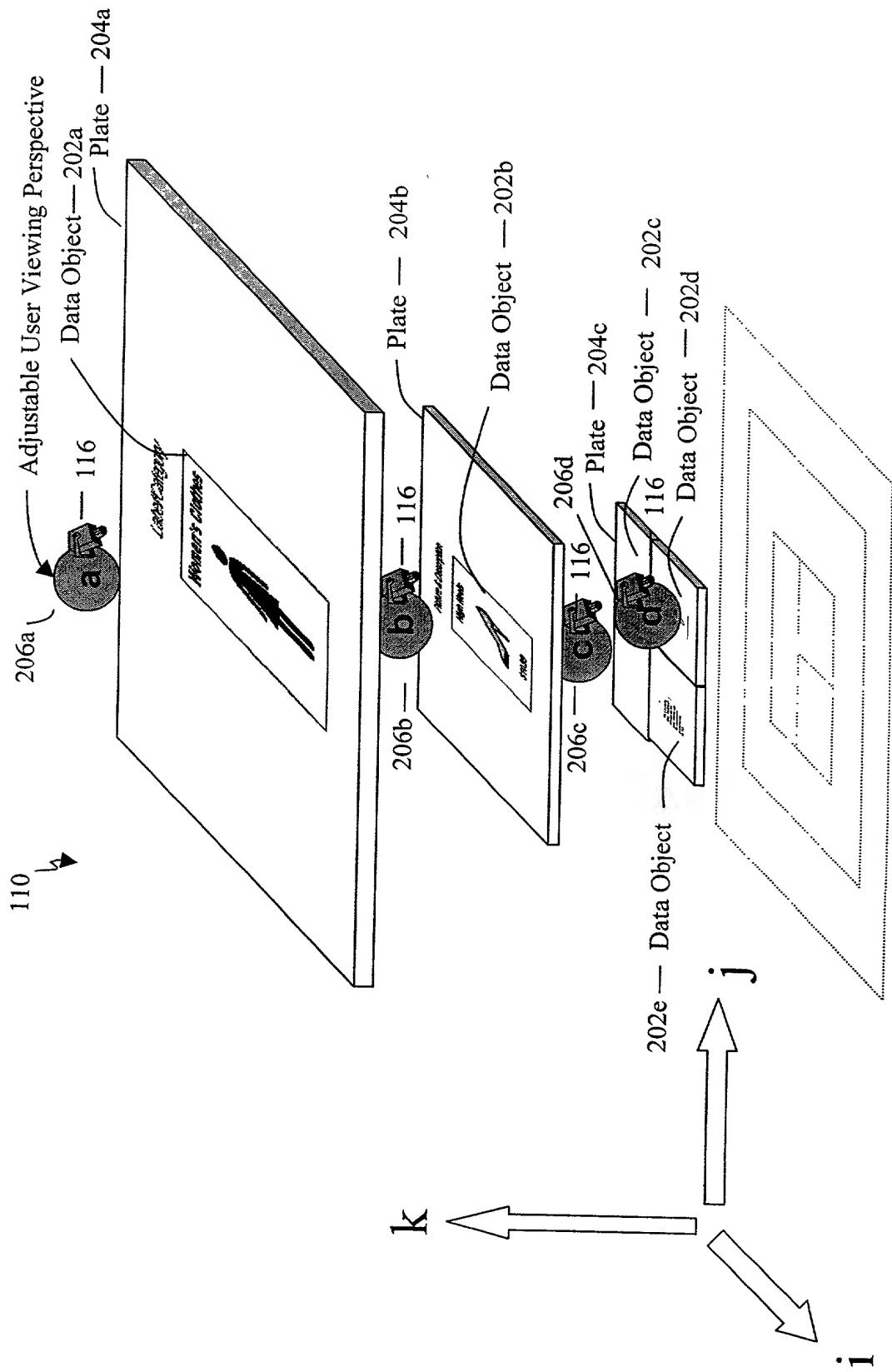


FIGURE 2

Corresponding Display Image (opaque plates)

Corresponding Display Image (transparent plates)

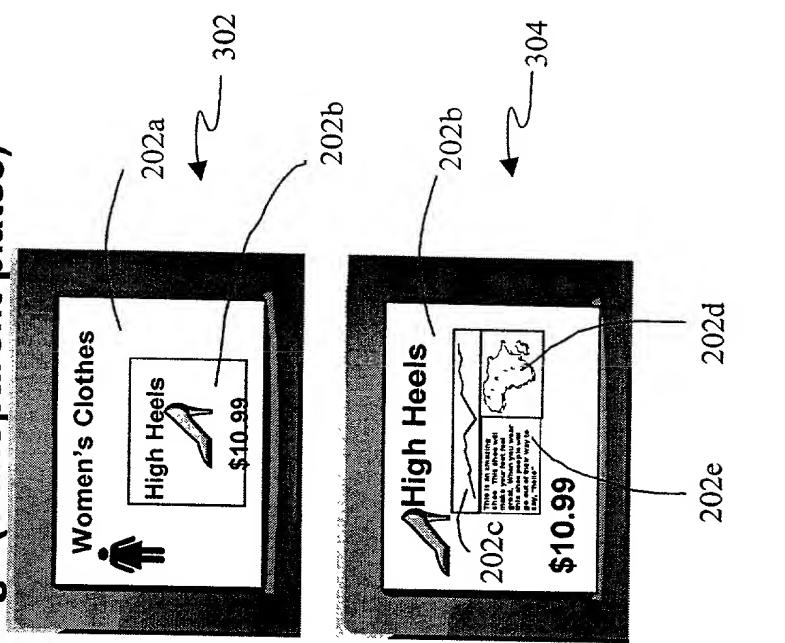
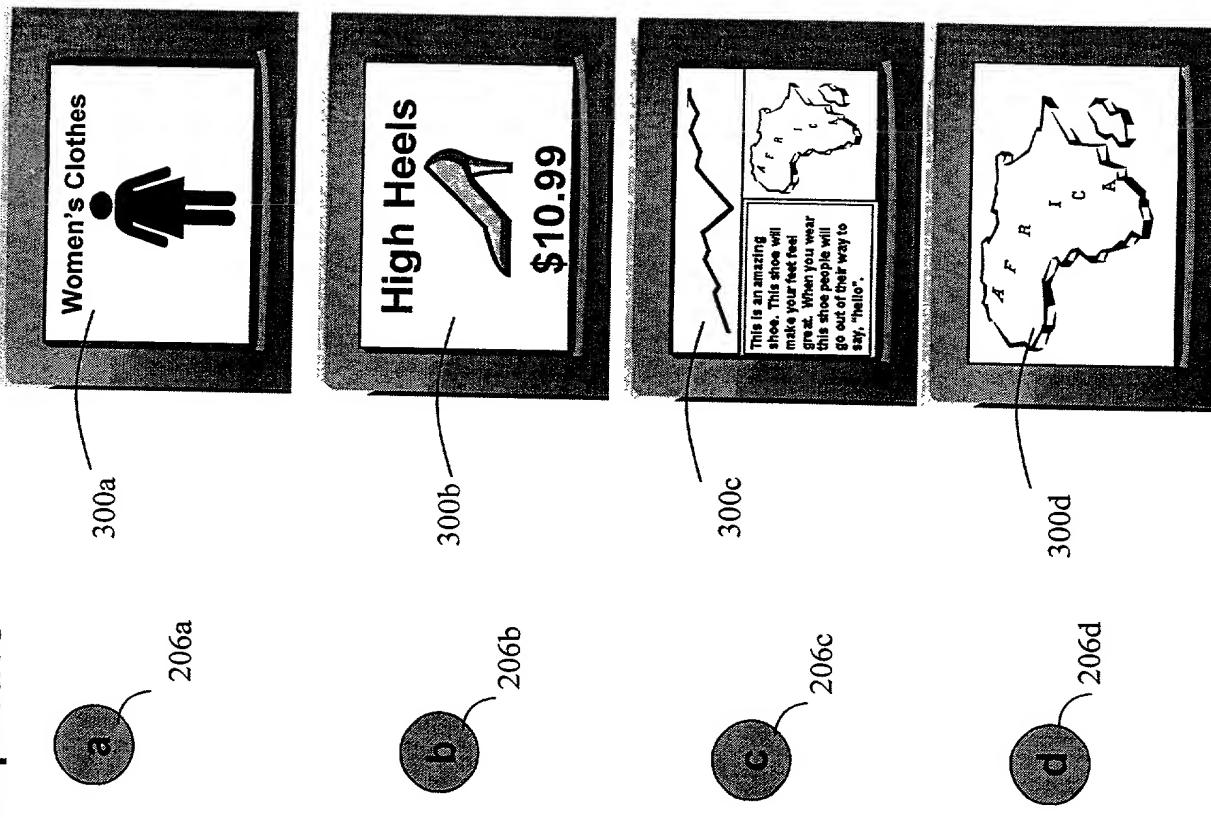


FIGURE 3

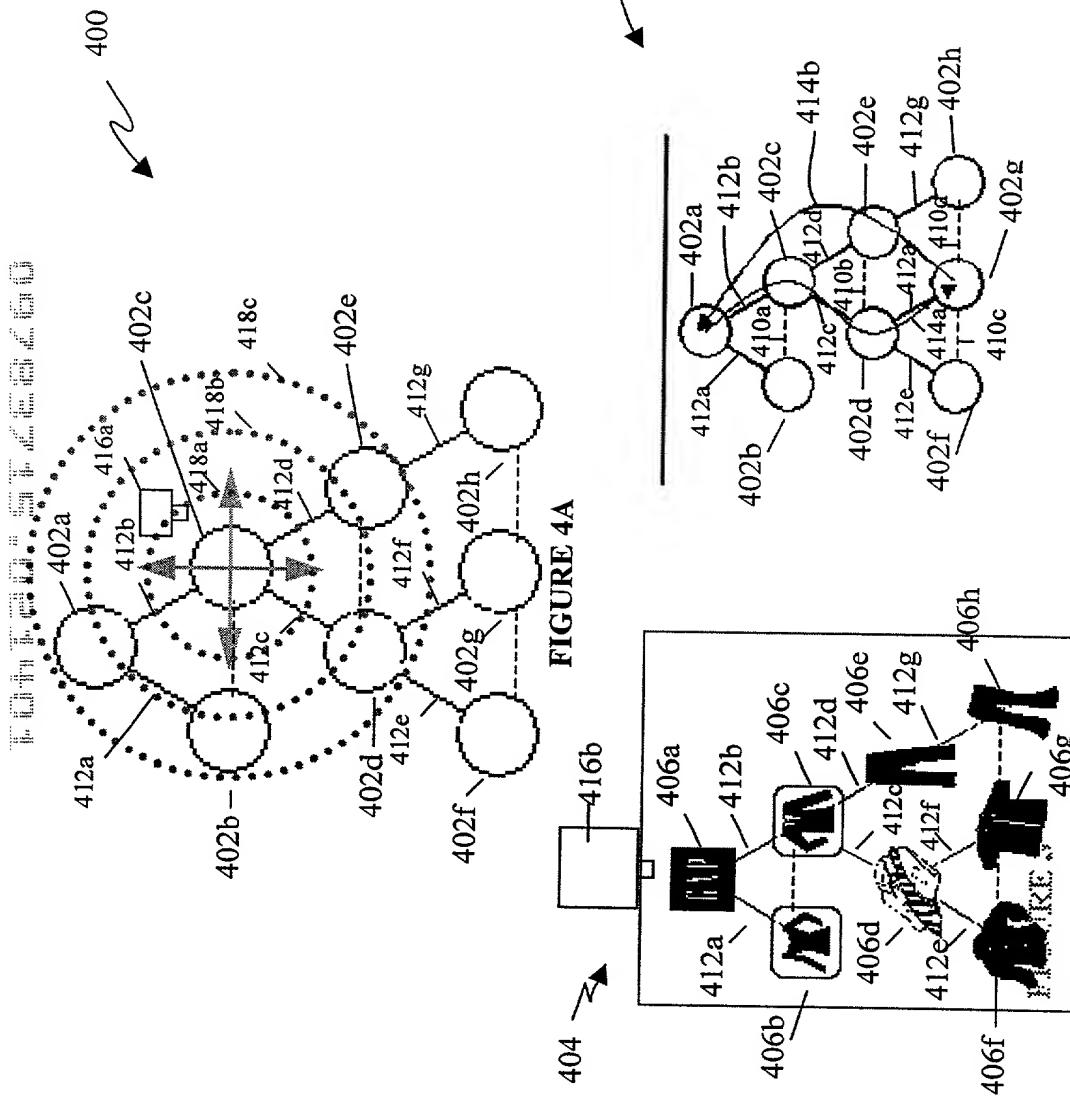


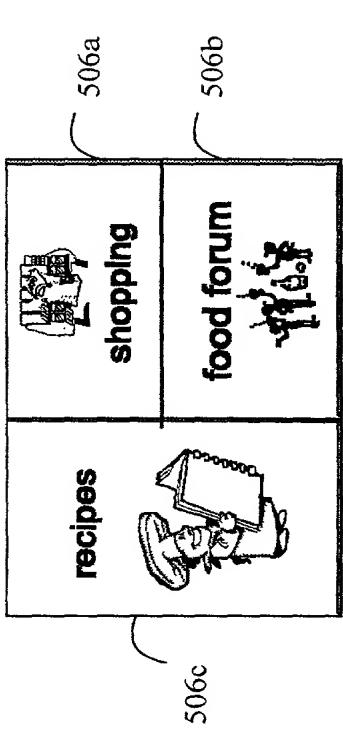
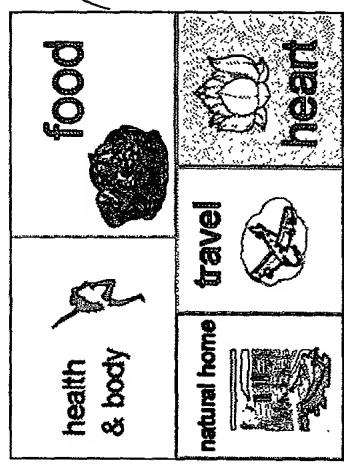
FIGURE 4A

FIGURE 4B
FIGURE 4C

508

506

500



504

502a

502b

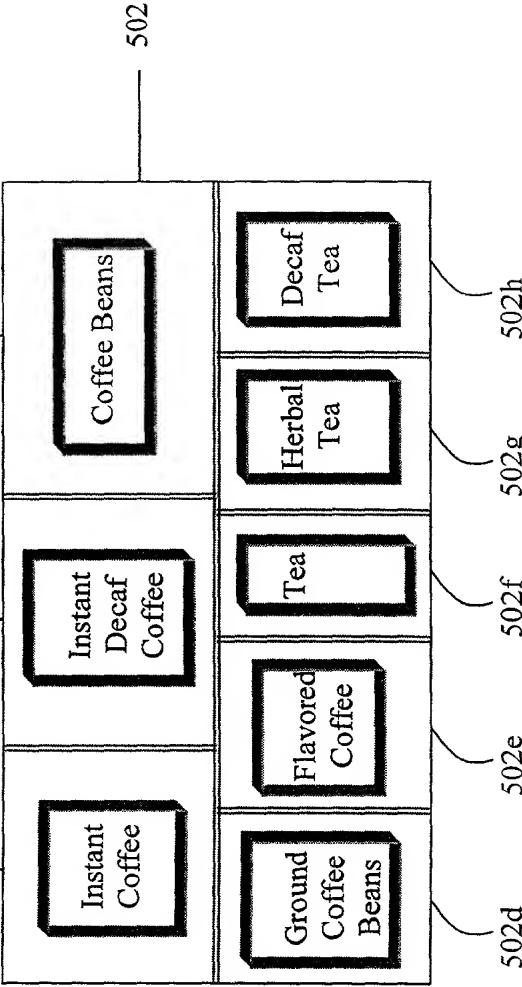
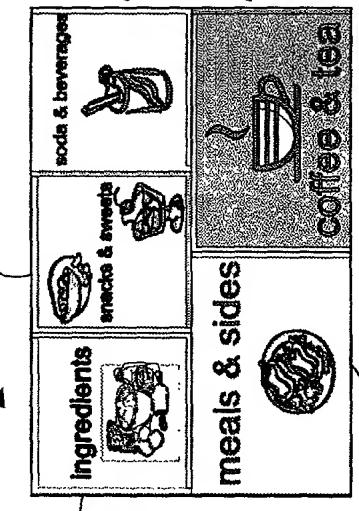
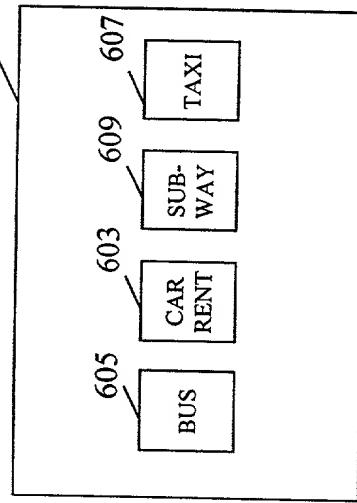


FIGURE 5

601

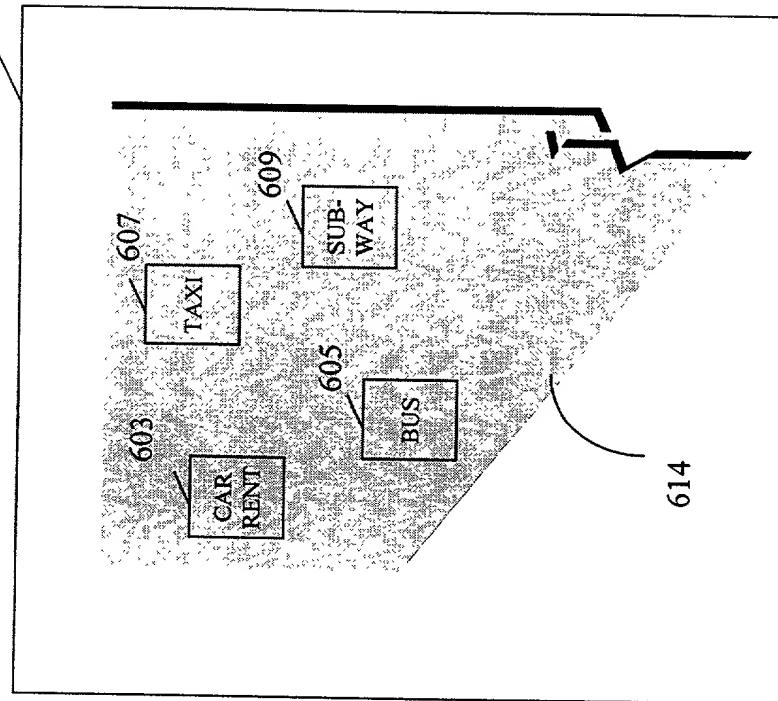
MENU TEMPLATE

611



MAP TEMPLATE

613



STREET TEMPLATE

615

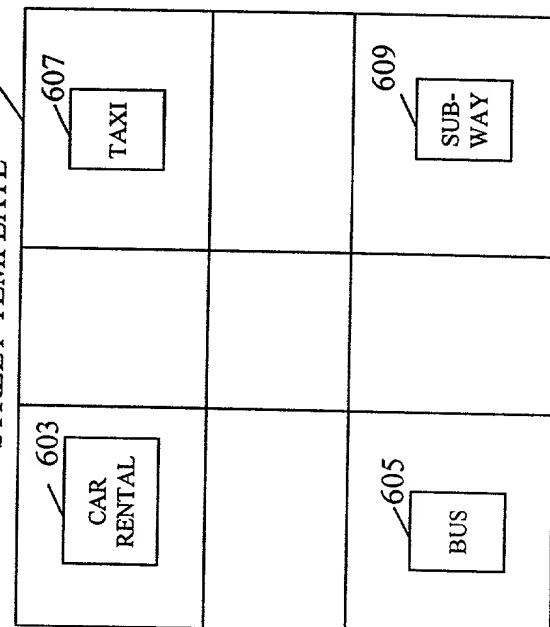
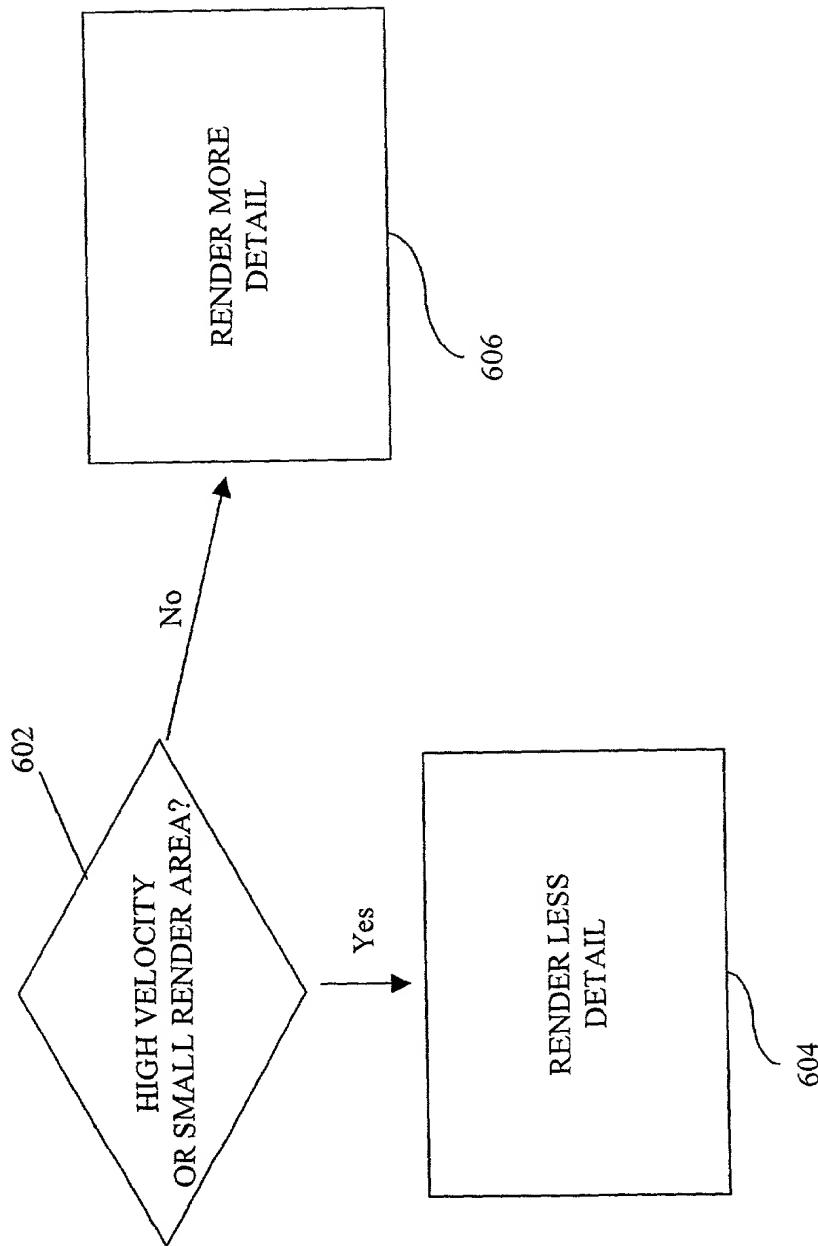


FIGURE 6

FIGURE 7



706

Full

Velocity increases/render size decreases

Line Art

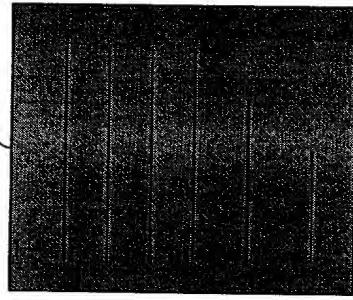
Box Outline

700

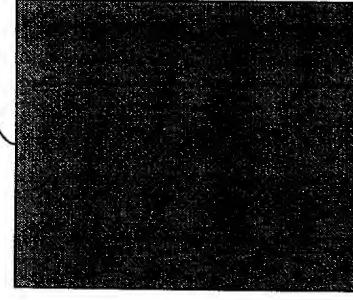
702

Text. Here is
some sample
text that will
be used as a
sample for
this text.

702a



702b



702c

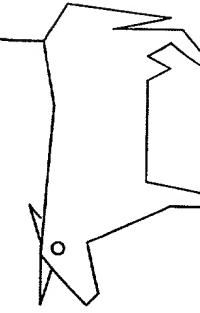
704



704b



704a



704c

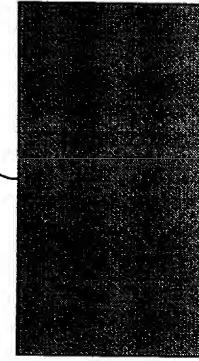


FIGURE 8

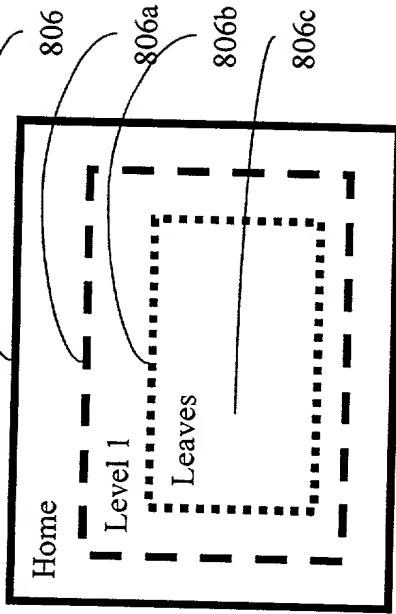
800

Text BreadCrumb Bar

home.level1.level2.Leaves

802

Nested Windows Act as Bread Crumb Bar



Text and Images Bread Crumb Bar

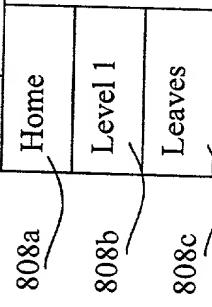
home[■].Level1[■].Level2[■].Leaves

804a

804b

804c

808

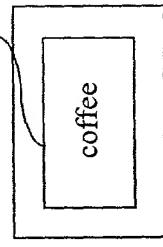


Series of Boxes

FIGURE 9

900

902



User entry of search term

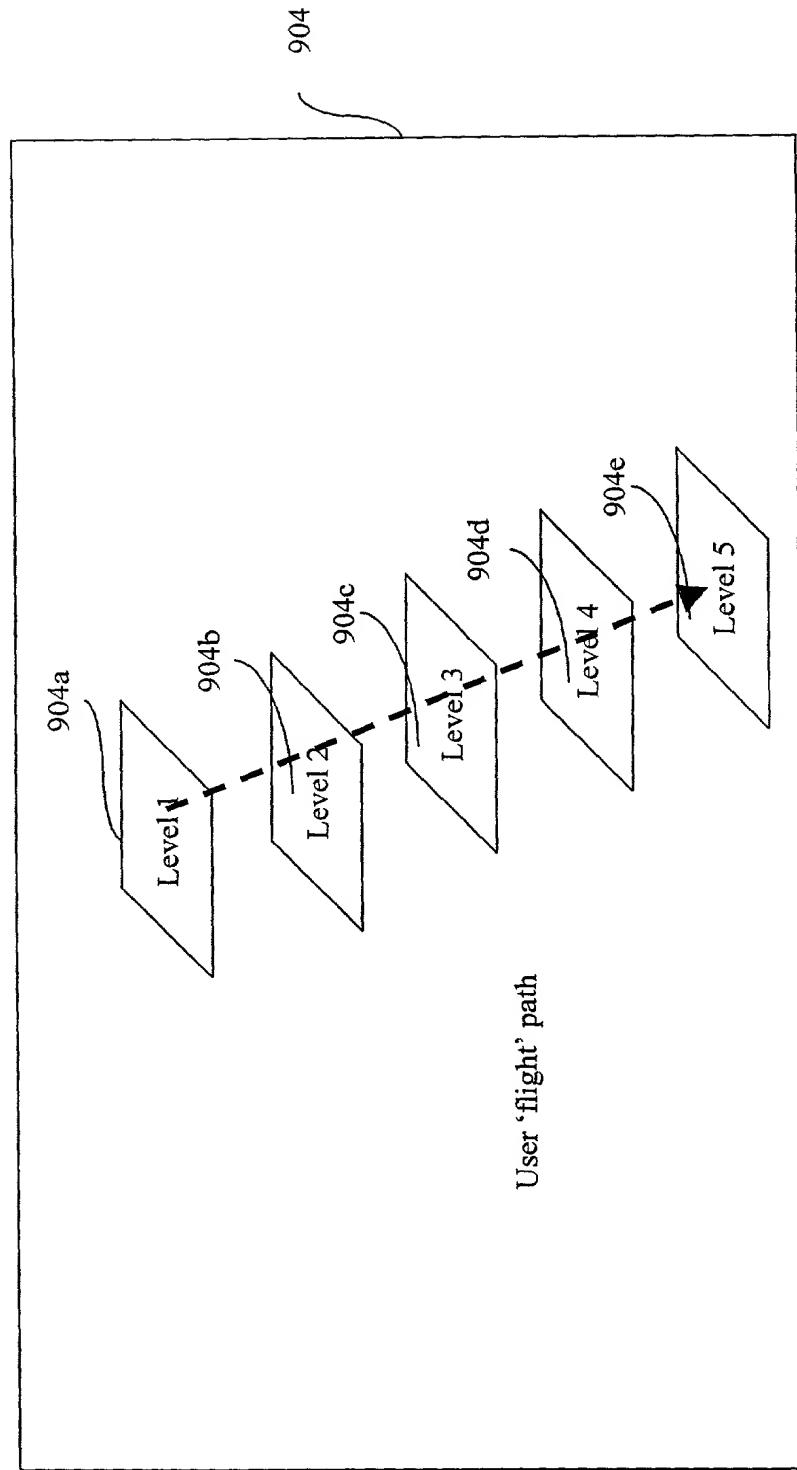


FIGURE 10A

908

Document One

Here we have a page that is full of information. It has part of it that is a 'view port' into another part of the virtual space, in this case another document which is located spatially to the right.

Title: Method and Apparatus for Addressing Data Objects in Virtual Space
Inventors(s): Observes et al.
Serial No. Not yet assigned
Art Doc#: GPH-003E
Atty/Agent: John V Bianco Reg. No. 36,748
(61) 248-7780
Express Mail Label No. E1661683707US Sheet 11 of 21

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Document Two

Over here a second page is located spatially to the right of the first page, as you can see the user can get to this page two ways 1. By panning to the right or 2. By flying through the visual wormhole and being 'teleported' over here. Of course the experience would appear analog and seamless.

910

FIGURE 10B

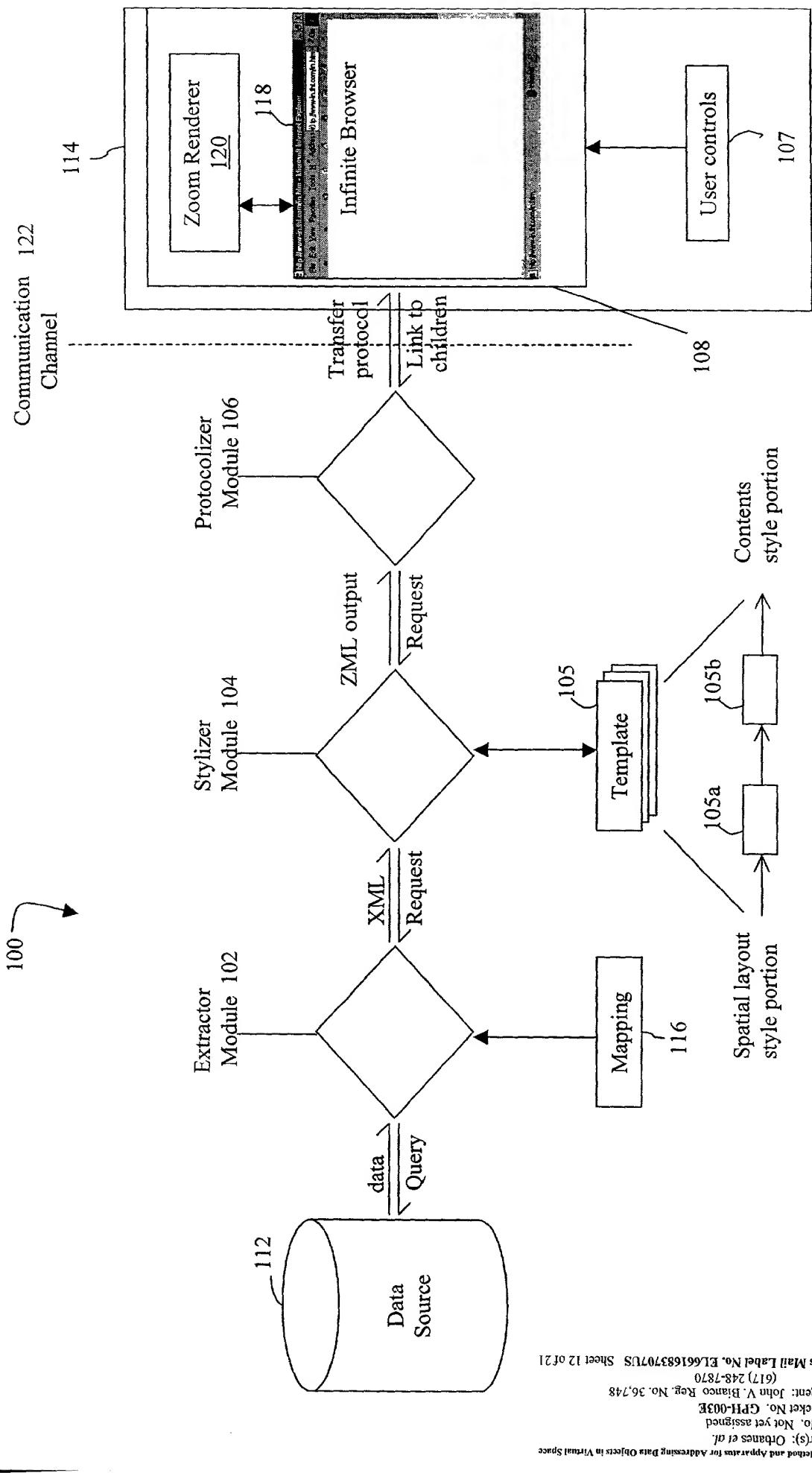
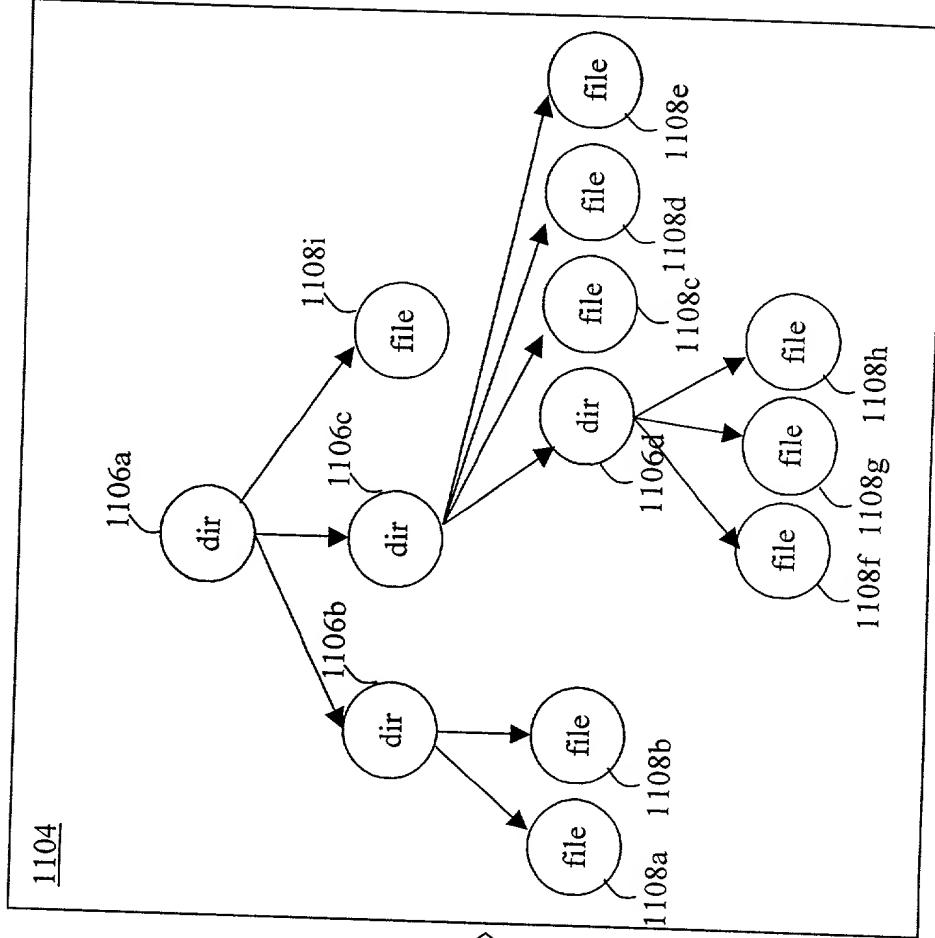


FIGURE 11

1100



1102

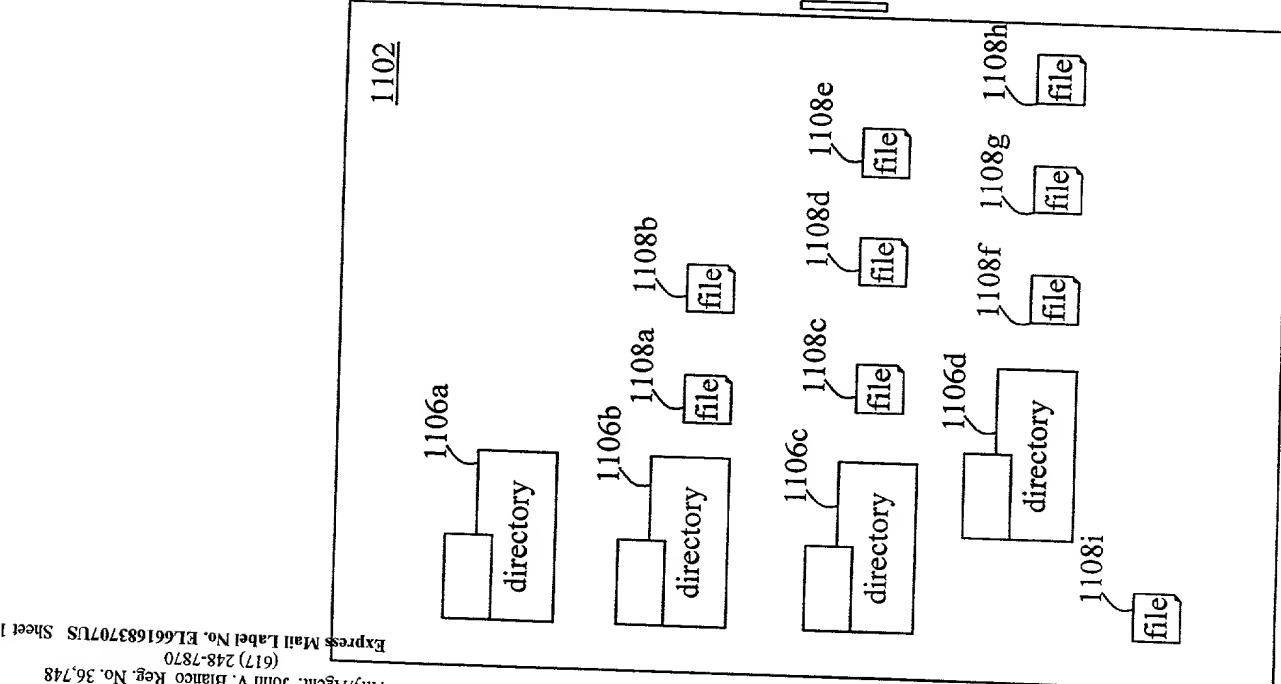


FIGURE 12

1200

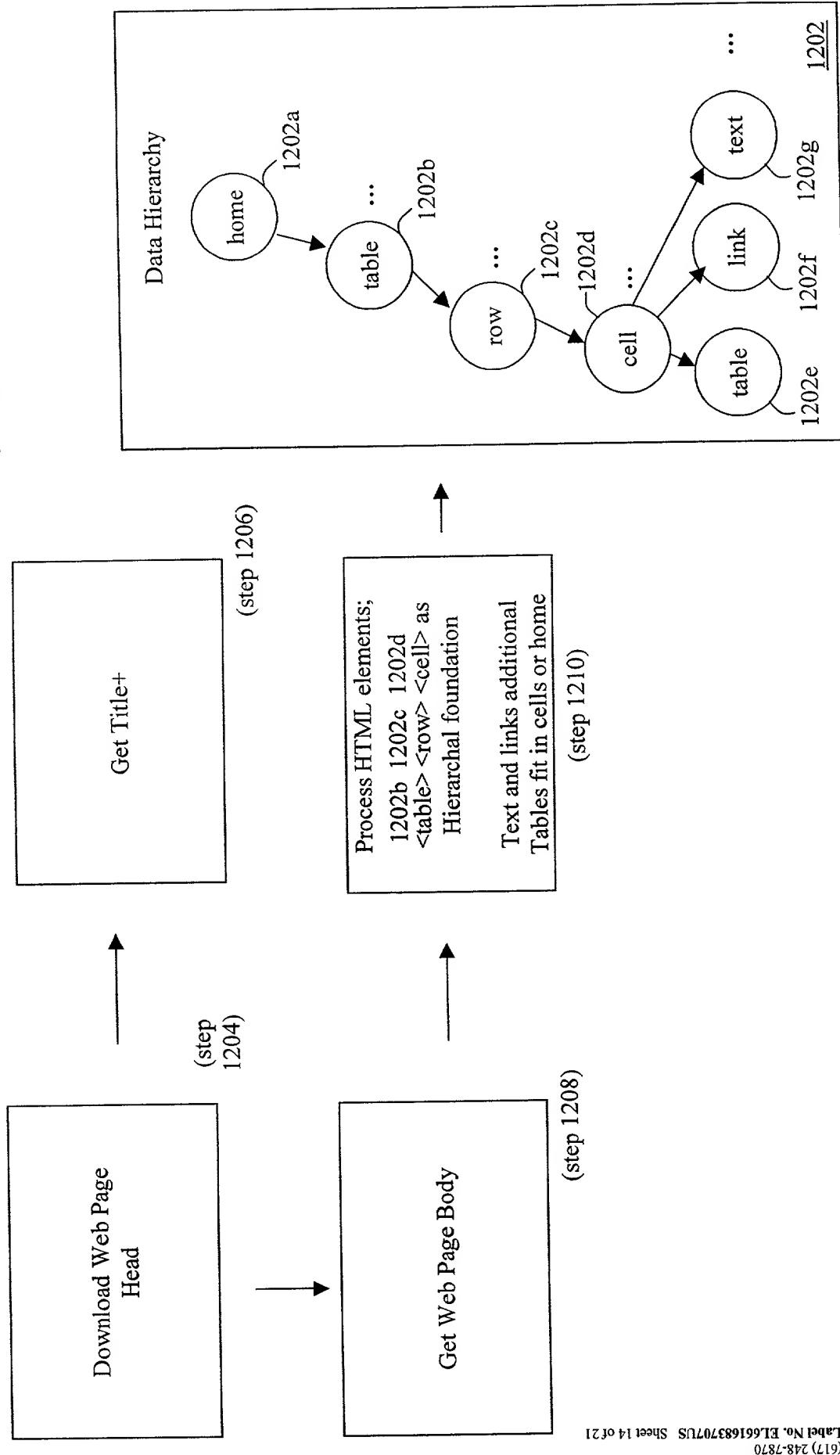
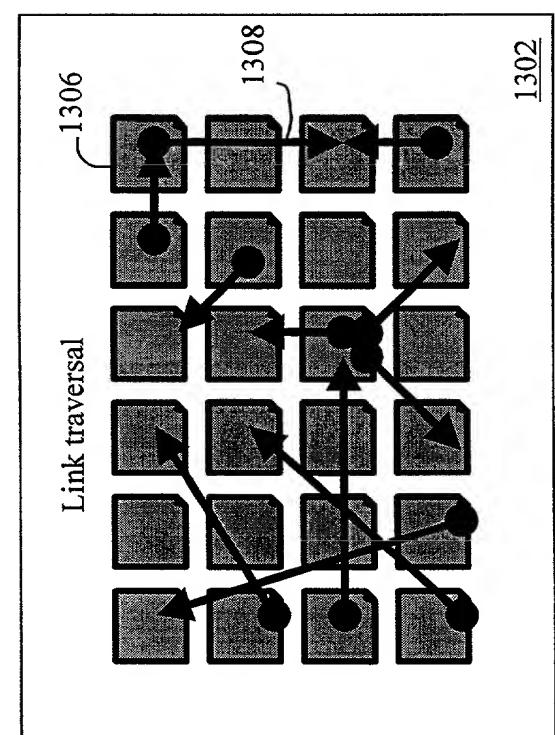
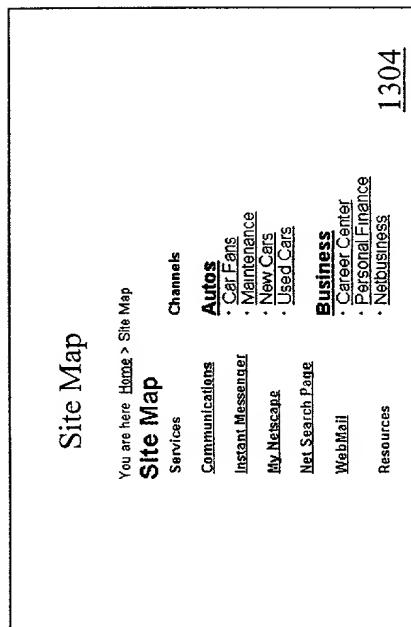


FIGURE 13

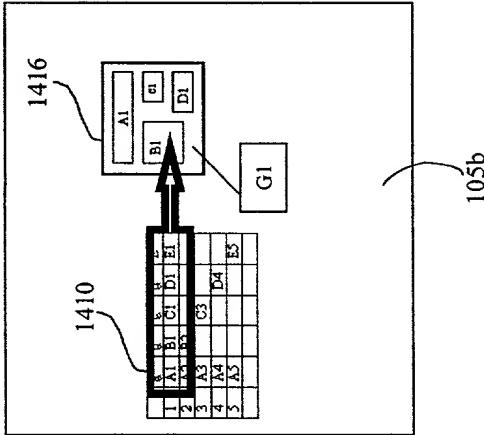
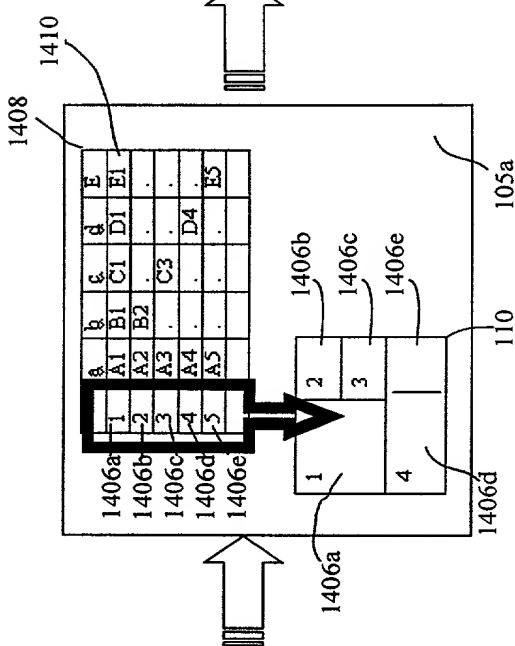
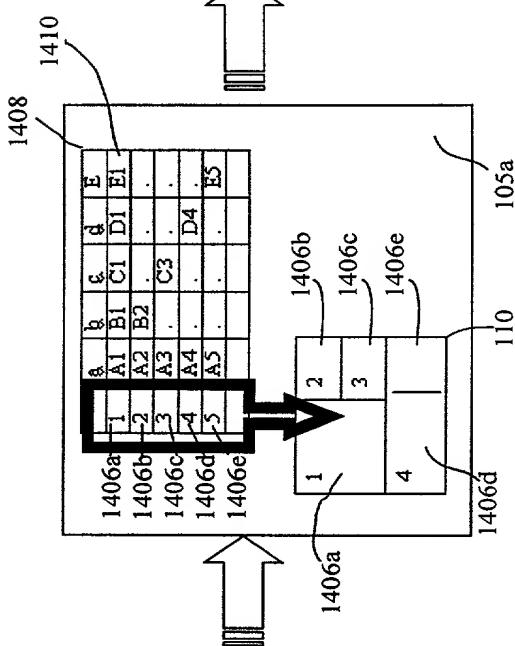
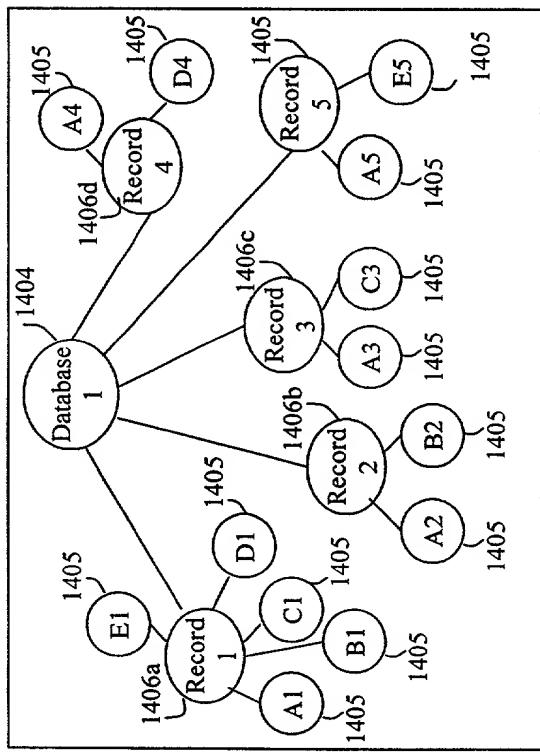
FIGURE 14



Title: Method and Application for Addressing Data Objects in Virtual Space
 Involved(s): Othmane et al.
 Serial No.: Not yet assigned
 Alt/Doc#: GPH-003E
 Alt/Agent No.: John V. Bianco Reg. No. 36,748
 Alt/Agency: (617) 248-7870
 Express Mail Label No. E1661683707US Sheet 15 of 21

Extracted Content (XML Data Structure)

1400



Title: Method and Apparatus for Addressing Data Objects in Virtual Space
 Inventor(s): Objectes et al.
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 Art/Doc No.: GPH-003E
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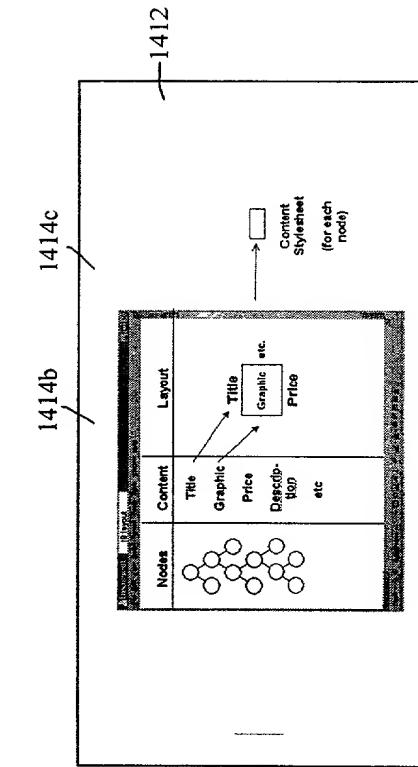


FIGURE 15

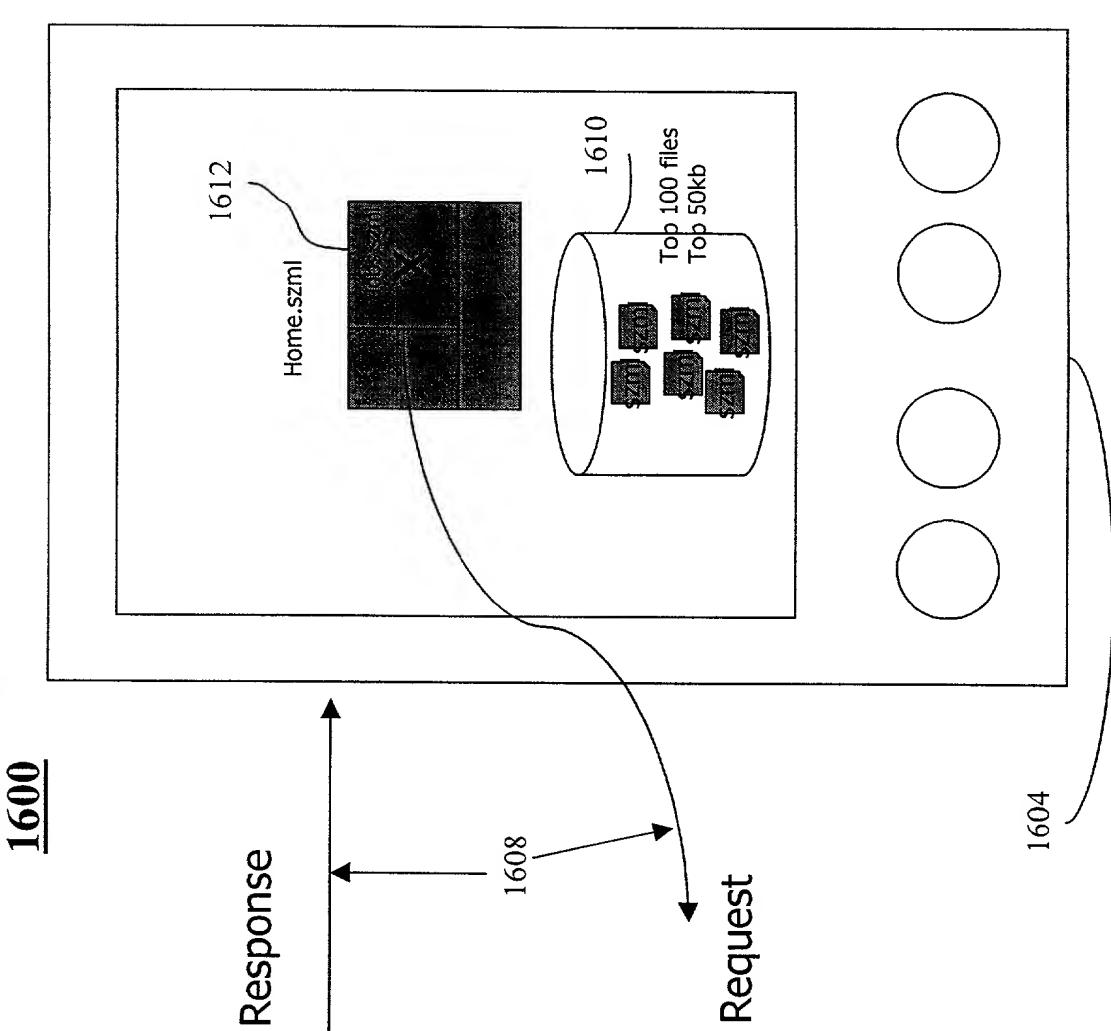
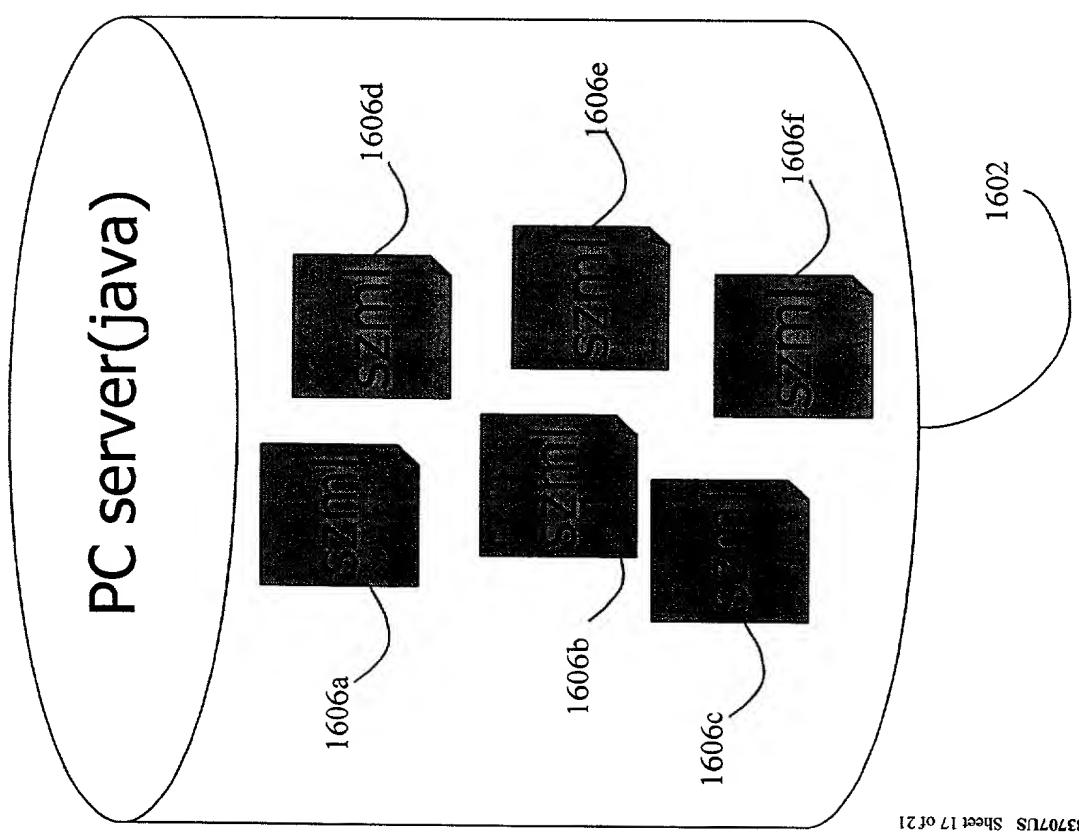


FIGURE 16



Title: Method and Apparatus for Addressing Data Objects in Virtual Space
Inventor(s): Othmanes et al.
Serial No.: Not yet assigned
Priority Date: Not yet assigned
Art/Agent: John V. Blawie Reg. No. 36,748
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48

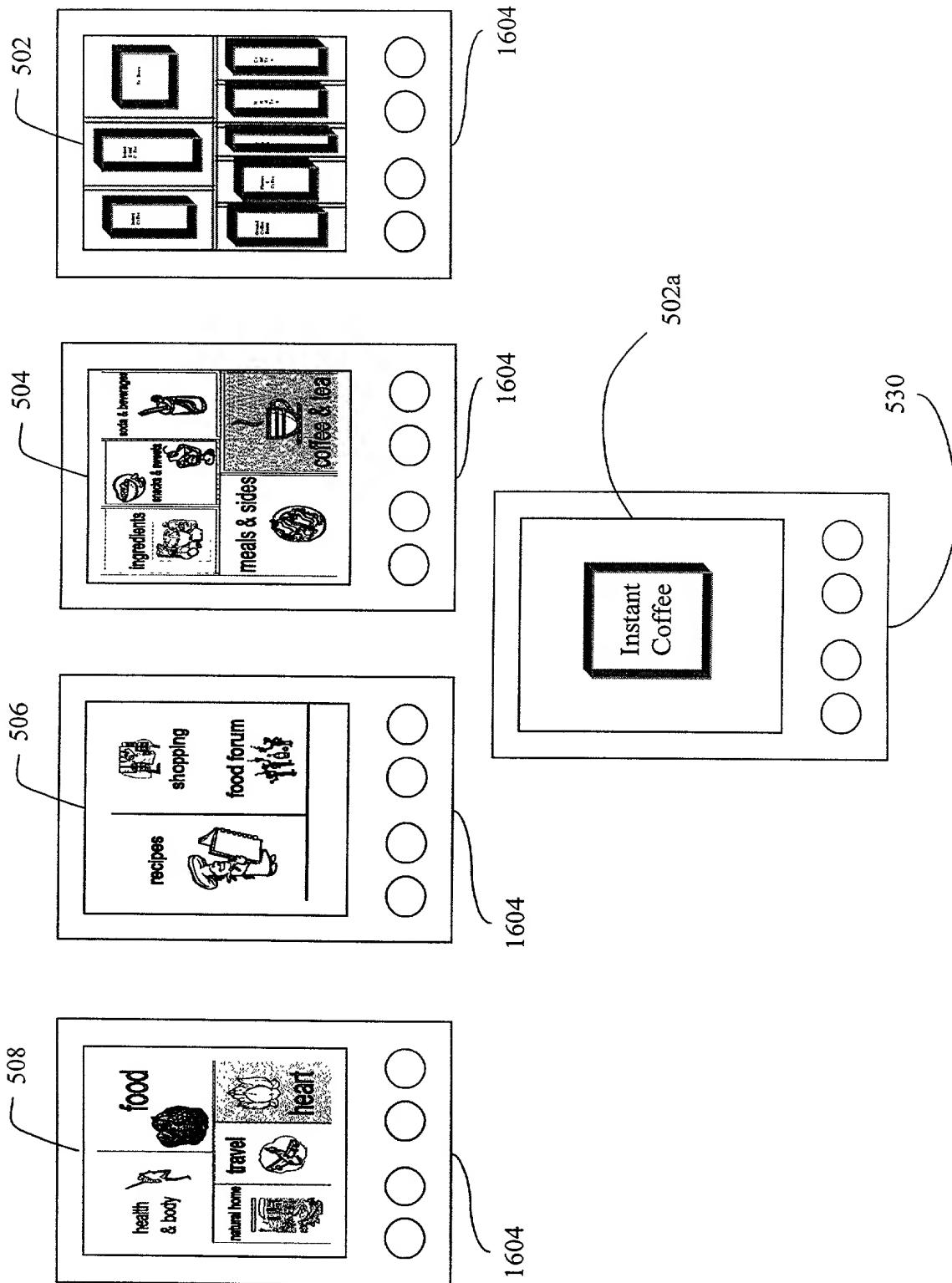
48

48

48

Title: Method and Apparatus for Addressing Data Objects in Virtual Space
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Express Mail Label No. EL661683707US Sheet 17 of 21

FIGURE 17



Title: Method and Apparatus for Addressing Data Objects in Virtual Space
 Express Mail Label No. E1661683707US Sheet 18 of 21

(617) 248-7870 Atty/Agent: John V. Biamino Reg. No. 36,748

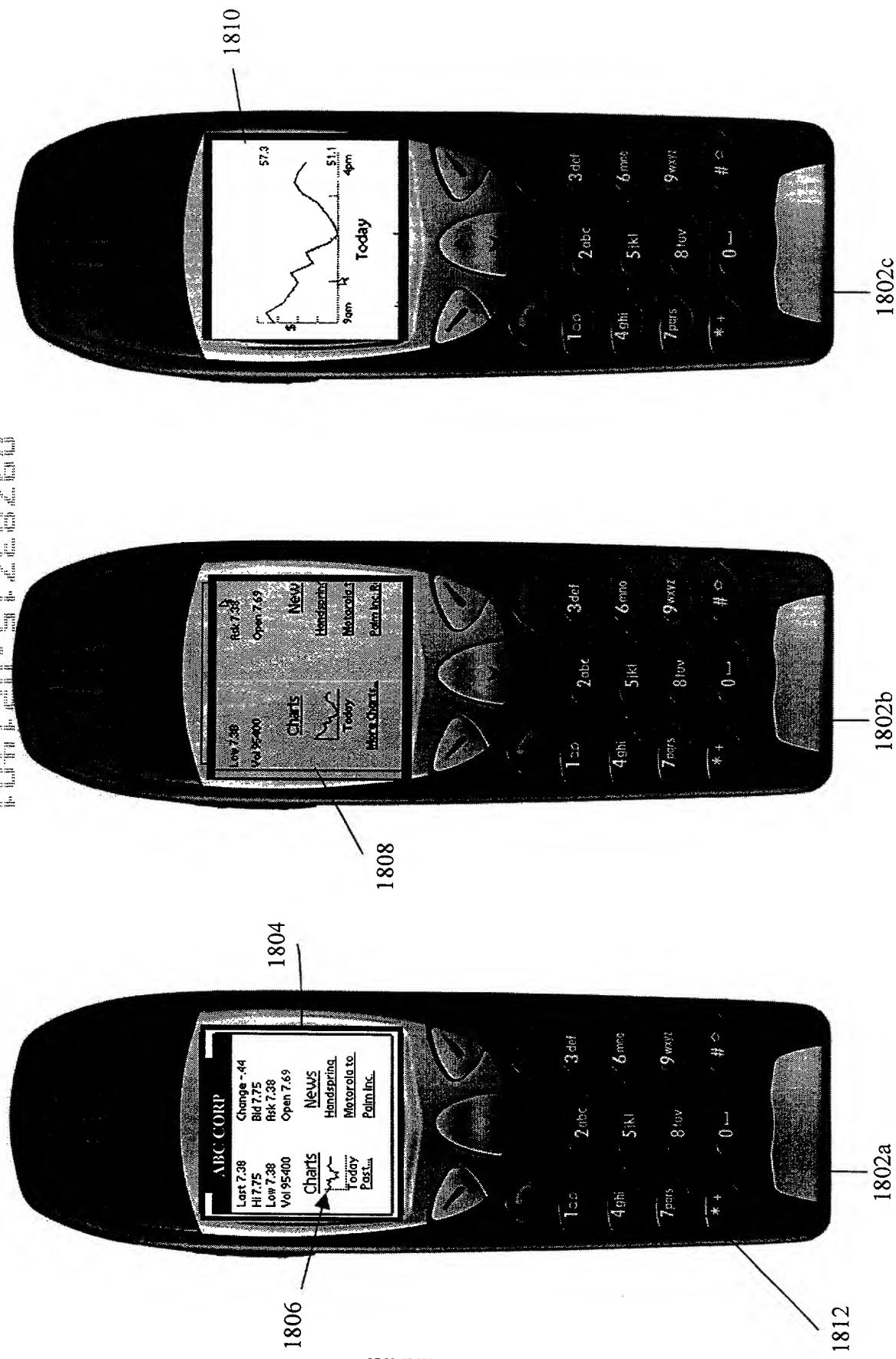
Inventor(s): Ordanies et al. Serial No.: Not yet assigned

Inventor(s): Ordanies et al. Serial No.: Not yet assigned

Inventor(s): Ordanies et al. Serial No.: Not yet assigned

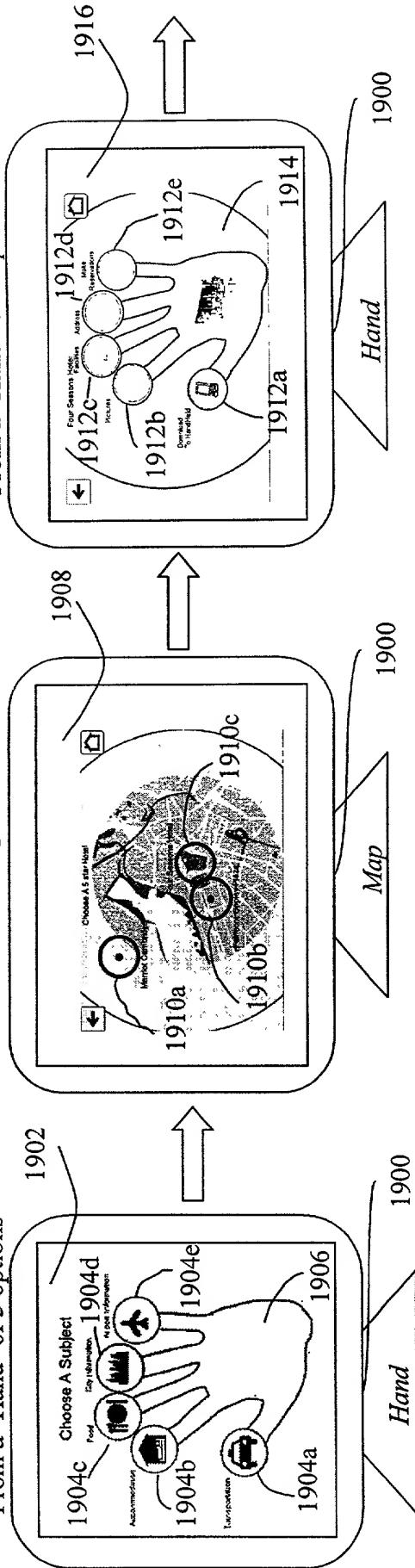
Inventor(s): Ordanies et al. Serial No.: Not yet assigned

FIGURE 18

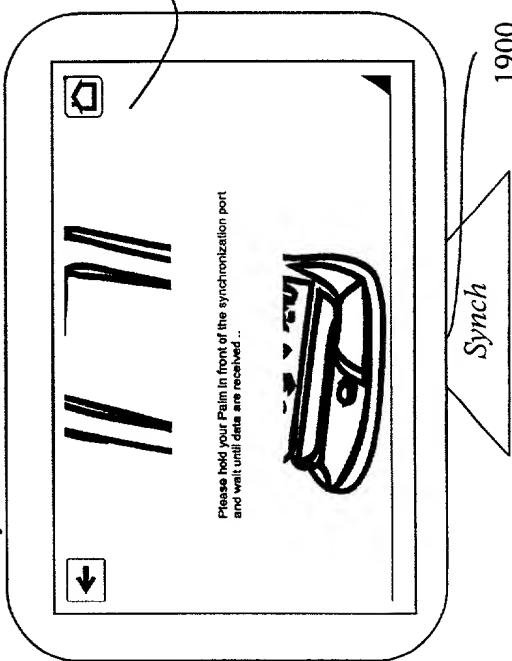


1. User Chooses "Accommodations"
From a 'Hand' of 5 options

2. User Chooses A Hotel Located on a map of Boston



- Kiosk displays status message during Synchronization with Hand Held



5. Information Is Transferred to Handheld

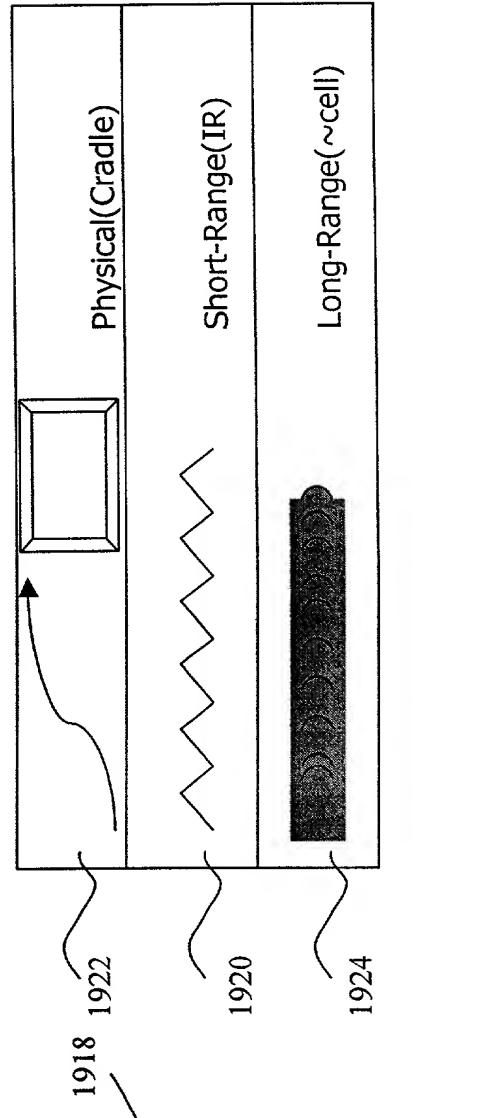
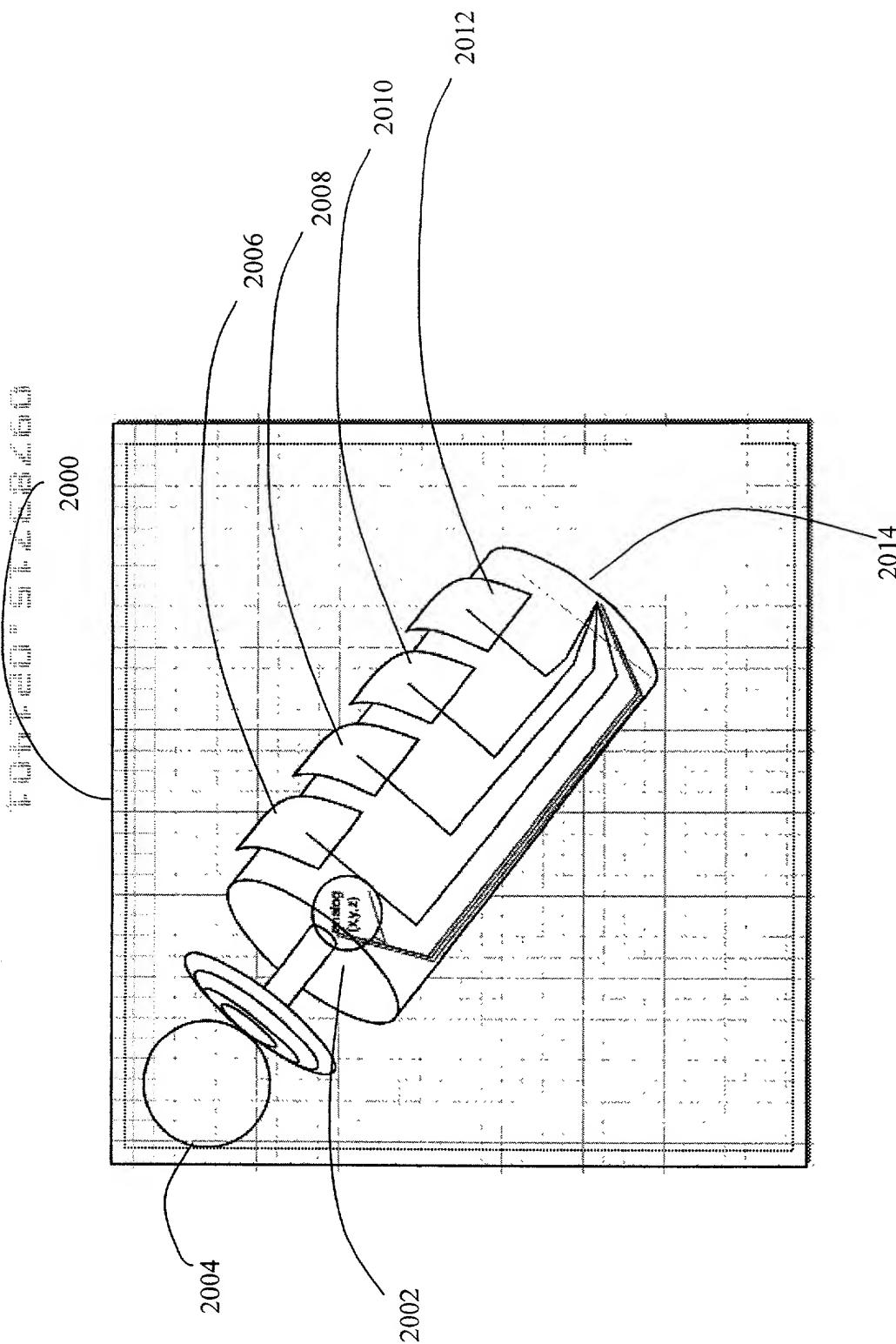


FIGURE 19

FIGURE 20



Title: Method and Apparatus for Addressing Data Objects in Virtual Space
Inventor(s): Orbanes et al.
Serial No.: Not yet issued
Art/Agent No.: GPH-003E
Atty/Agent: John V. Blanck Reg. No. 36,748
(61) 248-7870
Express Mail Label No. E1L661683707US Sheet 21 of 21